



A.D. 1861, *2nd May.* N^o 1100.

S P E C I F I C A T I O N

OF

LEWIS JACOB JORDAN.

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T O N I C .
—

L O N D O N :

PRINTED BY GEORGE E. EYRE AND WILLIAM SPOTTISWOODE,

PRINTERS TO THE QUEEN'S MOST EXCELLENT MAJESTY :

PUBLISHED AT THE GREAT SEAL PATENT OFFICE,

25, SOUTHAMPTON BUILDINGS, HOLBORN.



A.D. 1861, 2nd Mar. N° 1100.

Tonic.

(Provisional Protection refused.)

PROVISIONAL SPECIFICATION left by Lewis Jacob Jordan at the Office of the Commissioners of Patents, with his Petition, on the 2nd May 1861.

I, LEWIS JACOB JORDAN, of Bedford Square, in the County of Middlesex, Gentleman, do hereby declare the nature of the said Invention for "AN APHRODISION PHOSPHORIZED NERVINE TONIC," to be as follows:—

I prepare aphrodision phosphORIZED nervine tonic by mixing the following ingredients in the subjoined proportions, and the ingredients themselves I prepare as herein-after described:—

10	Of hypophosphite of iron (moist)	-	-	12 ounces.
	Of hypophosphorous acid	-	-	L × 40 ounces fluid.
	Of pure quinquæ	-	-	6 drachms.

As much white sugar as may be necessary, say 8 to 10 pounds; distilled water added to make one gallon. Mix and dissolve the sugar by the application of heat, and flavor with vanillæ, orange, or other flavoring material.

1. To obtain the hypophosphite of lime.

Take of hydrate of lime	-	-	-	18 lbs.
And phosphorous	-	-	-	4 „

Boil these with twenty gallons of water, or more if necessary, until the phosphorous is completely oxidized; then filter through a flannel bag, evaporate the filtrate to twenty pints, re-filter, and again evaporate to a syrupy consistence, and set aside to dry and crystallize (secundum artem).

Jordan's Nervine Tonic.

2. To obtain the hypophosphite of soda.

Take of hypophosphite of lime, prepared as above 60 ounces.

Carbonate of soda - - - - - 100 „

Water sufficient quantity. Boil and treat in the same manner as for lime salt. 5

3. To obtain the hypophosphite of iron.

Prepare by decomposing a per-salt, viz. per-sulphate of iron with hypophosphite of soda, well washing the precipitate with water.

4. To obtain the hypophosphorous acid.

Prepare by the double decomposition of hypophosphite of lime with 10 crystallized oxalic acid in the following proportions:—

Hypophosphate of lime - - - 8 ounces (apothecaries' weight).

Oxalic acid, X¹ - - - - 6 ounces. „

Mix and dissolve each salt in separate portions of water, mix the solution & filter, evaporate the clear liquor to two pints or forty fluid ounces. 15

5. To obtain pure quinaæ.

Take of quinine of commerce $\frac{1}{2}$ pound, apothecaries' weight; sulphuric acid (dilute), sufficient to dissolved the quinine; caustic ammonia, sufficient to precipitate the quinaæ; the precipitate to be well washed and carefully dried.

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